

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 April 2009 (02.04.2009)

PCT

(10) International Publication Number
WO 2009/040573 A2

(51) International Patent Classification:

C10J 3/26 (2006.01) *C10J* 3/74 (2006.01)
C10J 3/32 (2006.01) *C10J* 3/82 (2006.01)

(21) International Application Number:

PCT/GB2008/050847

(22) International Filing Date:

22 September 2008 (22.09.2008)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0718663.8 25 September 2007 (25.09.2007) GB

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

(54) Title: GASIFICATION

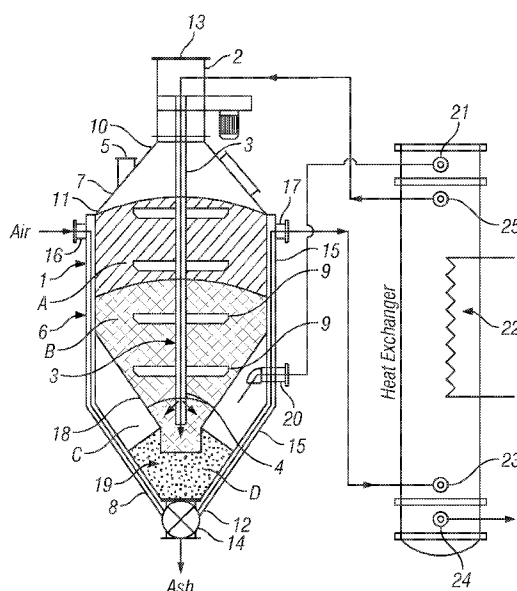


FIG. 1

(57) Abstract: In the gasification process, shredded municipal waste is allowed to descend through a pyrolysis reactor and the waste is pyrolysed in the reactor to form a combustible gas. The waste is contacted in a downdraft with an air supply which has been preheated by heat exchange with the pyrolysis reactor and further heated by heat exchange with combustible exhaust gas from the pyrolysis reactor.

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